

## CONSTRUCTION STAKING STANDARD FOR PRIVATE DEVELOPMENT

The developer shall submit four legible 8½"x11" copies of cut sheets to the Survey Section AT LEAST TWO (2) WORKING DAYS IN ADVANCE OF THEIR PROPOSED USE for the following elements of construction:

1. Concrete Curb and Gutter -- Staking shall be on 25-foot intervals on slopes less than 0.5 percent. Slopes greater than 0.5 percent may be staked at 50-foot intervals. Vertical curves shall be staked on 20-foot intervals. The offset shall not be greater than 6 feet, unless a greater distance is approved by the City Engineer.
2. Pipelines (Storm, Sanitary, Water) -- Staking shall be on 25-foot intervals on slopes less than 0.5 percent. Slopes greater than 0.5 percent may be staked at 50-foot intervals. If "laser" or other precise means of setting grades are used, the City Engineer shall specify the staking intervals.
3. Base Rock -- Staking shall be required when deemed necessary by the City Engineer. If staking is required, the interval will also be at the direction of the City Engineer. Blue topping will be required for A.S.B. and A.B. material, and may be required for subgrade.
4. Form Checks -- Forms or string for curbs shall be checked by survey through the use of a level, prior to placement of concrete. Forms or string shall be set to zero tolerance.

### PROCEDURES

1. Cut sheets shall be submitted for review a minimum of two working days prior to the proposed commencement of work.
2. Cuts and fills shall NOT be marked on stakes (except slope stakes).
3. Cut sheets shall indicate centerline or pipeline stationing and slope.
4. The surveyor/engineer shall provide a list of the benchmarks used in his work.
5. Cut sheets used on the job shall only be those approved by the City Engineer.
6. The contractor shall not proceed with work until he receives the approved cut sheets.
7. Approved cut sheets will be provided by the Construction Inspector.
8. Cut sheets will be returned to the engineer for correction if they are not on 8½"x11" paper; if they do not conform to the above standards; if they are lacking information; or, if they contain five errors.
9. All cut sheets shall be signed and sealed pursuant to the provisions of the Land Surveyors and Professional Engineers Acts.
10. The Surveyor/Engineer shall provide written certification of form and/or grade checks within 24 hours of such work.